



GreenPower 2024 Quarterly Report

Quarter 2 |
1 April 2024 – 30 June 2024



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This report provides stakeholders with updates on GreenPower. GreenPower is accredited renewable electricity and can be purchased by households and businesses through most Australian energy retailers and a range of other accredited GreenPower Providers.

The first section of the report provides information about GreenPower. This is followed by breakdowns of GreenPower sales by each Provider.

The period covered in this report is the second quarter of the 2024 settlement period for GreenPower from 1 April 2024 to 30 June 2024.

The quarterly reports are not audited and therefore data may not be accurate. For audited customer numbers and sales, please refer to the annual audit reports published at www.greenpower.gov.au/about-greenpower/audits-and-reports/annual-audits

This report, as well as additional information about GreenPower, is available on the GreenPower website at www.greenpower.gov.au

Executive Summary

Quarter in review: 1 April 2024 to 30 June 2024

GreenPower Products were offered by 36 GreenPower Providers nationally in the second quarter of 2024.

The figures contained in this quarterly report are unaudited and may be subject to revision. Final, audited figures are published in the annual audit report each year. The annual audit report for 2024 will be made available on the GreenPower website in Q3 2025.

Below is a breakdown of total GreenPower customer numbers and GreenPower sales (MWh) made in Quarter 2 of 2024, between residential and business customers, and by the state or territory in which GreenPower customers are based.

Table 1: Quarter 2 snapshot of customers and sales

State/ Territory	Residential customers	Business customers	Residential sales (MWh)	Business sales (MWh)
ACT	4,827	306	2,473	2,396
NSW	37,197	22,368	23,304	176,516
NT	4	2	2	21
QLD	47,112	6,986	20,557	53,645
SA	9,992	2,182	7,651	19,598
TAS	50	34	44	1,125
VIC	33,775	8,342	19,475	127,903
WA	4,310	1,508	2,422	45,047
Total	137,267	41,728	75,928	426,251

GreenPower customer and sales trends

Figure 1: Total GreenPower residential and business customers compared to previous quarters

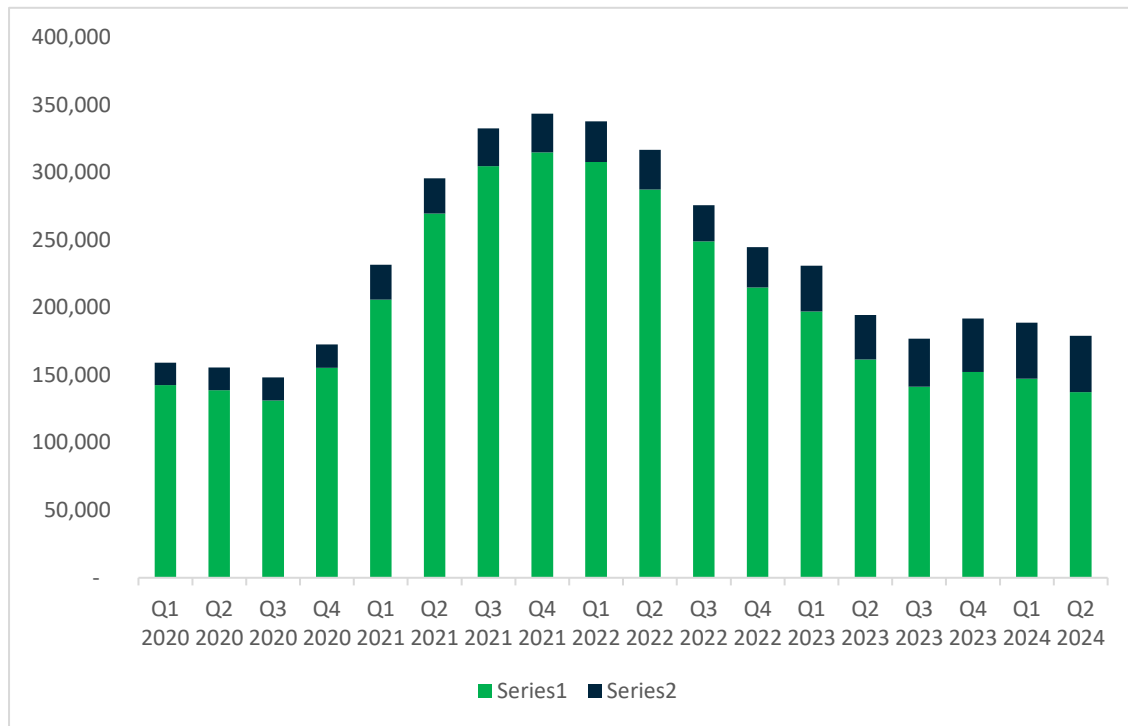
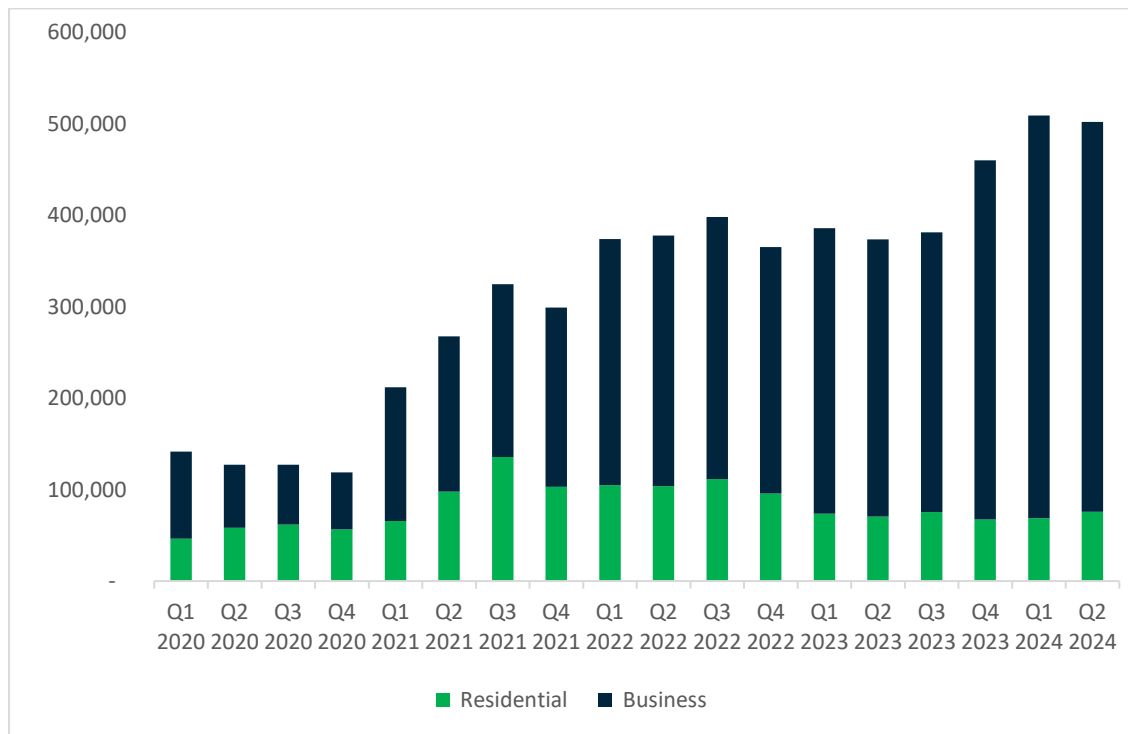


Figure 2: Residential and business GreenPower sales (MWh) compared to previous quarters



About GreenPower

GreenPower is 100% renewable electricity and can be purchased by households and businesses through most Australian energy retailers and a range of other accredited GreenPower Providers. The National GreenPower Accreditation Program is managed by the NSW Government on behalf of the National GreenPower Steering Group, a collaboration of Australian state and territory governments.

GreenPower Providers and Products

Most energy providers throughout Australia offer at least one accredited GreenPower Product. Residential and business customers can choose to buy a GreenPower Product offered by any GreenPower Provider which is accredited to sell GreenPower in their state or territory.

The list of GreenPower Providers and where they are licensed to sell their GreenPower Products is available on the GreenPower website at www.greenpower.gov.au/get-greenpower/find-provider

The three main types of GreenPower Products offered are:

1. **consumption based products** where the customer nominates the level of GreenPower purchased according to a nominated percentage of their total electricity consumption. Consumption based products are part of the customer's electricity retail contract.
2. **'block' based products** where the customer purchases a fixed kWh block of GreenPower that is not directly linked to their consumption. For residential customers, the minimum block is the equivalent of 10% of average household electricity consumption as defined in the [GreenPower Program Rules](#). Block based products are part of the customer's electricity retail contract.
3. **'decoupled' GreenPower** generally for business customers that wish to purchase GreenPower separately to their electricity contract. A GreenPower Provider can be contracted to purchase and surrender the equivalent number of GreenPower Large-scale Generation Certificates (LGCs) from eligible generation sources to meet the customer's electricity consumption, or for a proportion of the total consumption. This could include GreenPower Connect and GreenPower Corporate Direct products.

Breakdown of GreenPower customer numbers and sales (MWh)

Table 2: Quarter 1 breakdown of residential and business customers and sales (MWh)

Retailers	Residential customers	Business customers	Residential sales (MWh)	Business sales (MWh)
Actew AGL	3,891	152	1,906	693
ACXargyle (Green Energy Exchange)	-	30	-	4,411
AGL	3,662	5,008	2,182	43,231
Alinta Energy Retail Sales	-	117	-	15,635
Alinta Sales	-	112	-	15,617
Amber Electric	1,032	26	1,435	65
Australia Pacific Airports (Melbourne)	-	143	-	2,510
Aurora Energy	-	1	-	8
CovaU Energy	976	53	635	1,634
Delta Electricity	-	23	-	1,148
Diamond Energy	1,408	104	1,208	1,602
Discover Energy	11	2	9	1
Dodo Power and Gas	791	3	3,810	1
Energy Locals	4,973	201	4,164	610
EnergyAustralia	9,213	1,145	4,808	18,514
ENGIE	4,291	117	2,027	592
Ergon Energy	19,341	1,332	3,466	1,756
Flow Power	284	311	437	10,615
Genuity Retail	-	-	-	-
Iberdrola Australia Energy Markets	-	69	-	5,248
LUMO Energy (SA)	135	4	26	1
LUMO Energy Australia	313	3	53	1
Momentum Energy	7,555	1,033	2,817	16,623

Retailers	Residential customers	Business customers	Residential sales (MWh)	Business sales (MWh)
Nectr	432	-	368	-
Next Business Energy	181	1,215	154	7,131
Origin Energy	59,918	10,922	29,604	98,023
OVO Energy	3,901	12	4,200	6
Pacific Blue Retail	373	47	414	127
Powershop Australia	4,272	426	3,698	4,078
Red Energy	5,467	684	5,986	37,018
Rimfire Energy	4	2	2	21
Shell Energy	-	16,855	-	88,097
SmartestEnergy Australia	-	18	-	3,648
Stanwell Corporation	-	136	-	20,611
Synergy	4,310	1,372	2,422	26,739
WINconnect	533	50	100	237

Table 3: GreenPower accredited product list in Q1 2024

Provider	Product	Jurisdictions	Residential	Business
ActewAGL	GreenChoice	ACT, NSW	Yes	Yes
ACXargyle (Green Energy Exchange)	GreenPower	ACT, NSW, NT, QLD, SA, TAS, VIC, WA	No	Yes
AGL	Green Energy, Green Living, Green Spirit, Green Events & Decoupled, Green for Free, AGL Perth Energy GreenPower	NSW, QLD, SA, VIC, WA	Yes	Yes
Alinta Energy Retail Sales	Green Energy Agreement	NSW, QLD, SA, VIC	No	Yes
Alinta WA	GreenPower	WA	No	Yes
Amber Electric	GreenPower	NSW, VIC, QLD, SA, ACT	Yes	Yes
Australia Pacific Airports (Melbourne)	Melbourne Airport GreenPower Network	VIC	No	Yes
Aurora Energy	AuroraGreen	TAS	Yes	Yes
CovaU Energy	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Delta Electricity	Delta GreenPower, Delta GreenPower (decoupled)	ACT, NSW, QLD, SA, TAS, VIC	No	Yes
Diamond Energy	Diamond Pure Plus	NSW, QLD, SA, VIC	Yes	Yes
Discover Energy	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Dodo Power & Gas	Dodo GreenPower	NSW, QLD, SA, VIC	Yes	Yes
EnergyAustralia	Seene Pure Energy, PureEnergy, PureEnergy Choice, PureEnergy Decoupled	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Energy Locals	Arcline by RACV, Energy Trade GreenPower, Indigo Power GreenPower, Energy Local GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes

Provider	Product	Jurisdictions	Residential	Business
ENGIE	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Ergon Energy	Clean Energy	QLD	Yes	Yes
Flow Power	GreenPower Active, Power Renewable, GreenPower Connect Shoalhaven Community Solar, Flow Home, Power Renewable Business	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Genuity	GreenPower	ACT, NSW, QLD	No	Yes
Iberdrola Australia Energy Markets	GreenPower, GreenPower Direct	ACT, NSW, QLD, SA, TAS, VIC	No	Yes
Lumo Energy (SA)	GreenPower	SA	Yes	Yes
Lumo Energy Australia	GreenPower	VIC	Yes	Yes
Momentum Energy	Suit Yourself Electricity, Strictly Business, GreenPower, Custom GreenPower, Warm Welcome	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Nectr	GreenPower	NSW, QLD, SA	Yes	Yes
Next Business Energy	Next GreenPower	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
Origin Energy	GreenEarth	ACT, NSW, QLD, SA, TAS, VIC	Yes	Yes
OVO Energy	The One Plan	NSW, QLD, SA, VIC	Yes	No
Pacific Blue Retail	Pacific Blue Green100	NSW, QLD, SA, VIC	Yes	Yes
Powershop	GreenPower	NSW, QLD, SA, VIC	Yes	Yes
Red Energy	GreenPower, Green Planet	ACT, NSW, QLD, SA, VIC	Yes	Yes
Rimfire Energy	Rimfire Green, Rimfire Green Decoupled	NT; ACT, NSW, NT, QLD, SA, TAS, VIC, WA	Yes	Yes
Shell Energy	Shell GreenPower	ACT, NSW, NT, QLD, SA, TAS, VIC, WA	No	Yes

Provider	Product	Jurisdictions	Residential	Business
SmartestEnergy	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	No	Yes
Stanwell	GreenPower	ACT, NSW, QLD, SA, TAS, VIC	No	Yes
Synergy	Easy Green, NaturalPower	WA	Yes	Yes
WINconnect	GreenPower	NSW, QLD, SA, VIC, WA	Yes	Yes

Rules of the Program

The *National GreenPower Accreditation Program Rules* set stringent requirements for all GreenPower Providers offering an accredited GreenPower Product. A key requirement is for GreenPower Providers to source all generation included in a GreenPower Product from accredited GreenPower Generators.

The National GreenPower Accreditation Program Rules are published on our website at www.greenpower.gov.au/documents/greenpower-program-rules

From 1 April 2024, the National GreenPower Accreditation Program Rules were updated to include a number of changes. These changes included: the introduction of a 15-year age limit for renewable generators participating in GreenPower, the alignment of GreenPower and CER generator accreditation dates, and the introduction of a 27-month certificate validity requirement on Large-scale Generation Certificates applicable to all GreenPower sales. Further information on these changes can be found on our website at

<https://www.greenpower.gov.au/about-greenpower/program-rules-and-accreditation/november-2023-changes>

GreenPower Generators

Under the National GreenPower Accreditation Program, a GreenPower Generator is defined as an electricity generator, or increase in generator capacity, which was commissioned or first sold energy (whichever is earlier) after 1 January 1997, and that has been accredited by the National GreenPower Accreditation Program.

A description of the major generator types is provided in Appendix A.

For a list and an interactive map of GreenPower approved generators, please visit the GreenPower website at www.greenpower.gov.au/our-impact/our-generators

GreenPower Generators accredited this quarter

Table 4: GreenPower Generators accredited in Q2 2024

Generator	CER code	Fuel Source	Capacity (MW)	Location	State
Flyers Creek Wind Farm	WD00NS22	Wind	145.54	Errowanbang	NSW

Appendix A – Major generator types

Solar Photovoltaic

Energy from the sun can be categorised in two ways, as heat energy (thermal energy) or as light energy.

Photovoltaics are a semiconductor-based technology which converts the sun's light energy directly into an electrical current. Photovoltaic panels are very versatile and can be mounted in a variety of sizes and applications such as on building roofs, street lights or roadside emergency phones.

Wind turbines

Wind turbines can be used to drive a generator to create electricity. Modern wind turbines for generating electricity usually have two or three blades (up to 45m in length) and often involve dual land use, as sheep and cattle can graze around the base of the turbines. A single wind turbine may be sufficient to power up to 500 homes. Business wind farms group these turbines together in one location to produce larger amounts of electricity.

Hydro-electric

Hydro-electric power is electricity produced from the energy of falling water using dams, turbines and generators. The environmental impact of hydro-electric projects varies and only those that can be shown to be environmentally acceptable can be accredited under GreenPower.

Biomass

Methane generated by the decomposition of biomass resources (putrescibles and green waste) in landfill sites, sewage treatment works, or large-scale composting can be used to generate electricity. Waste materials from agricultural enterprises such as forestry, sugar cane, winery and cotton production can also be used to generate electricity.

Such projects are considered generally suitable as GreenPower projects but are carefully assessed by the Project Manager on a case by case basis.

A wide variety of crops could be grown specifically for energy generation including timbers, oils or complex sugars. The suitability of these crops will depend on the sustainability of the agricultural practices used. The 'energy crops' industry is in its infancy in Australia.

With regard to forestry wastes, utilisation of fuels from existing forestry plantations is likely to be generally acceptable under GreenPower. However, utilisation of any materials (including wastes) from high conservation value forests such as old growth forests are not acceptable.

Landfill gas

Methane emissions result from the decomposition of putrescible and green waste (both biomass resources) in landfill sites. The use of methane emissions from landfill sites to generate electricity has considerable greenhouse benefits. However, the disposal of general municipal waste in landfill sites requires large quantities of land that will remain contaminated by undecomposed matter.

It is not the intention of the National GreenPower Accreditation Program to promote the development of new landfill sites at the expense of waste minimisation. However, landfill gas generation projects are considered generally suitable for inclusion in the National GreenPower Accreditation Program. Any measures undertaken to reduce their environmental impact (such as best practice NO_x control) would assist the Program Manager in approving their use under the National GreenPower Accreditation Program.